

IN THE CLAIMS

Please amend claims 1, 5-7, 11 and 13-18 and add claims 19-22 as indicated below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

AD
Claim 1 (currently amended) A method for initializing a first device distributed with an embedded radio module using [[a]] a server, said server having an embedded radio module; said method comprising the steps of:

 sending an inquiry from said server to said first device using said embedded radio modules;

 returning, from said first device, a unique device identifier of said first device, to said server;

 creating, at said server, a public key, private key pair for said first device;

 creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

 transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and,

 storing said private key in non-removable protected storage at said first device.

Claim 2 (original) A method as claimed in claim 1 wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 3 (original) A method as claimed in claim 1 wherein a copy of said certificate is stored in an enterprise database.

Claim 4 (original) A method as claimed in claim 1 wherein a copy of said certificate is stored in an LDAP directory.

Claim 5 (currently amended) A method for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, said method comprising the steps of:

 sending an inquiry from said server to said first device using said embedded radio modules;

 creating, at said first device, a public key, private key pair for said first device;

 storing, at said first device, said private key in non-removable protected storage;

 returning, from said first device, a unique device identifier and said public key of said first device, to said server;

 creating, at said server, a device certificate for said first device, said device certificate having said device identifier and said public key; and

 transmitting [[said]] said device certificate and a public key of a Certificate Authority which signed said device certificate to said first device.

Claim 6 (currently amended) A method as claimed in claim [[6]] 5 wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

Claim 7 (currently amended) A system for initializing a first device distributed with an embedded radio module using [[a]] a server, said server having an embedded radio module, said system comprising:

 a communications mechanism for sending an inquiry from said server to said first device using said embedded radio modules, and returning, from said first device, a unique device identifier of said first device, to said server;

a processor at said server for creating a public key, private key pair for said first device;

a device certificate, created at said server, for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

wherein said communications mechanism ~~[[transmits]]~~ transmits said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and, said processor stores said private key in non-removable protected storage at said first device.

Claim 8 (original) A system as claimed in claim 7 wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 9 (original) A system as claimed in claim 7 wherein a copy of said certificate is stored in an enterprise database.

Claim 10 (original) A system as claimed in claim 7 wherein a copy of said certificate is stored in an LDAP directory.

Claim 11 (currently amended) An initialization system, said system comprising:

a first device, said first device having an embedded radio module;

a server, said server having an embedded radio module;

a communications mechanism, said communications mechanism sending an inquiry from said server to said first device using said embedded radio modules;

wherein said first device creates a public key, private key pair for said first device, stores said private key in non-removable protected storage, and returns a unique device identifier and said public key of said first device, to said server;

said server creates a device certificate for said first device, said device certificate having said device identifier and said public key; and ~~[[transmits]]~~ transmits ~~[[said]]~~ said device certificate and a public key of a Certificate Authority which signed said device certificate to said first device.

Claim 12 (original) A system as claimed in claim 11 wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

Claim 13 (currently amended) A computer program product embodied in a machine readable medium for initializing a first device distributed with an embedded radio module using ~~[[a]]~~ a server, said server having an embedded radio module, wherein said computer program product method comprising comprises the programming steps of:

~~computer program code means of~~ sending an inquiry from said server to said first device using said embedded radio modules;

~~computer program code means of~~ returning, from said first device, a unique device identifier of said first device, to said server;

~~computer program code means of~~ creating, at said server, a public key, private key pair for said first device;

~~computer program code means of~~ creating, at said server, a device certificate for said first device, said device certificate having a unique hardware identifier associated with said first device and a public key associated with said first device;

~~computer program code means of~~ transmitting said private key, and said device certificate, and a public key of a Certificate Authority which signed said device certificate, to said first device; and,

~~computer program code means of~~ storing said private key in non-removable protected storage at said first device.

Claim 14 (currently amended) ~~A program~~ The computer program product as claimed in claim 13 wherein said protected storage is write-only storage able to perform computations involving previously-written data.

Claim 15 (currently amended) ~~A program~~ The computer program product as claimed in claim 13 wherein a copy of said certificate is stored in an enterprise database.

Claim 16 (currently amended) ~~A program~~ The computer program product as claimed in claim 13 wherein a copy of said certificate is stored in an LDAP directory.

Claim 17 (currently amended) A computer program product embodied in a machine readable medium for initializing a first device distributed with an embedded radio module using a server, said server having an embedded radio module, wherein said computer program product method comprising comprises the programming steps of:

~~computer program code means of~~ sending an inquiry from said server to said first device using said embedded radio modules;

~~computer program code means of~~ creating, at said first device, a public key, private key pair for said first device;

~~computer program code means of~~ storing, at said first device, said private key in non-removable protected storage;

~~computer program code means for~~ returning, from said first device, a unique device identifier and said public key of said first device, to said server;

~~computer program code means of~~ creating, at said server, a device certificate for said first device, said device certificate having said device identifier and said public key; and

transmitting ~~[[said]]~~ said device certificate and a public key of a Certificate Authority which signed said device certificate to said first device.

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Claim 18 (currently amended) ~~A program~~ The computer program product as claimed in claim 17 wherein said protected storage is a write-only storage able to perform computations involving previously-written data.

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Claim 19 (new) The method as recited in claim 1, wherein communication between said first device and said server is performed in a wireless manner.

Claim 20 (new) The system as recited in claim 7, wherein communication between said first device and said server is performed in a wireless manner.

Claim 21 (new) The computer program product as recited in claim 13, wherein communication between said first device and said server is performed in a wireless manner.

Claim 22 (new) The computer program product as recited in claim 17, wherein communication between said first device and said server is performed in a wireless manner.
